AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. **(Currently Amended)** An exposure control device for adjusting an ~~light~~ amount of light received by a focusing device and a photoelectric conversion device of an image scanning apparatus, the exposure control device comprising:

a control unit ~~asserting~~ configured to generate a control signal according to a certain condition of said image scanning apparatus; and

a light-transmission adjusting device arranged in ~~the~~ a light path from an object to said focusing device and said photoelectric conversion device and ~~changing~~ positioned to change an effective light-transmission area thereof in response to said control signal to adjust light amount passing therethrough, the light-transmission adjusting device comprising:

a driving unit controlled by said control unit to generate a driving force in response to said control signal;

a first optical grid plate arranged in the light path, the first optical grid plate having a first light-transmission area; and

a second optical grid plate having a second light-transmission area smaller than the first light-transmission area and optionally driven by said driving force to be aligned with the first optical grid plate so as to reduce said effective light transmission area.

2. **(Canceled)**

3. **(Currently Amended)** The exposure control device according to claim [[2]] 1 wherein said driving unit comprises a motor and said ~~first~~ second optical grid plate is moved by rotation.

4. **(Canceled)**

5. **(Currently Amended)** The exposure control device according to claim [[4]] 1 wherein said driving unit comprises a motor coupled with said second optical grid plate for ~~rotating~~ slanting said second optical grid plate to further change said effective light-transmission area according to another condition of said image scanning apparatus.

6. **(Canceled)**

7. **(Original)** The exposure control device according to claim 1 wherein said certain condition of said image scanning apparatus is a selected resolution of said image scanning apparatus.

8. **(Original)** The exposure control device according to claim 7 wherein said effective light-transmissible area under high resolution is smaller than that under low resolution.

9. **(Original)** The exposure control device according to claim 1 wherein said certain condition of said image scanning apparatus is a predetermined comparing result of a voltage value of an output signal from said photoelectric conversion device with a threshold value.

10. **(Original)** The exposure control device according to claim 9 wherein said effective light-transmissible area is enlarged when said voltage value of said output signal is smaller than said threshold value.

11. **(Original)** The exposure control device according to claim 1 wherein said control unit comprises an application specific integrated circuit (ASIC) for asserting said control signal according to said certain condition of said image scanning apparatus.

12. **(Currently Amended)** An exposure control device for adjusting an amount of light ~~amount~~ received by a focusing device and a photoelectric conversion device of an image scanning apparatus, the exposure control device comprising:

a control unit ~~asserting~~ configured to generate a control signal according to a certain condition of said image scanning apparatus;

a driving unit controlled by said control unit configured to generate a driving force in response to said control signal; and

an ~~movable~~ optical grid plate having an aperture, wherein rotation of the optical grid plate ~~optionally driven~~ by said driving force ~~to~~ changes ~~a position thereof so as to change~~ an effective light-transmission area of the aperture.

13. **(Original)** The exposure control device according to claim 12 wherein said driving unit comprises a motor and said optical grid plate is moved by rotation.

14. **(Original)** The exposure control device according to claim 12 wherein said certain condition of said image scanning apparatus is a selected resolution of said image scanning apparatus.

15. **(Original)** The exposure control device according to claim 14 wherein said effective light-transmissible area under high resolution is smaller than that under low resolution.

16. **(Original)** The exposure control device according to claim 12 wherein said certain condition of said image scanning apparatus is a predetermined comparing result of a voltage value of an output signal from said photoelectric conversion device with a threshold value.

17. **(Original)** The exposure control device according to claim 16 wherein said effective light-transmissible area is enlarged when said voltage value of said output signal is smaller than said threshold value.

18-20. **(Canceled)**

21. **(New)** An exposure control device, comprising:

a control unit, configured to generate a control signal;

an optical grid plate having a region with a light-transmissible area;

means for moving the optical grid plate to change the effective light-transmissible area of the region in response to the control signal.

22. **(New)** The exposure control device of claim 21, wherein the optical grid plate is perpendicular to a light path when the control signal identifies a low resolution and wherein the optical grid plate is slanted when the control signal identifies a high resolution.

23. **(New)** The exposure control device of claim 21, wherein the control unit is configured to assert the control signal in response to a selected resolution of the scanning apparatus.

24. **(New)** The exposure control device of claim 21, wherein the control unit is configured to assert the control signal in response to a comparison of an output signal from the photoelectric conversion device against a threshold value.

25. **(New)** The exposure control device of claim 24, wherein the output signal is a voltage and the effective light-transmissible area is enlarged when the voltage is smaller than the threshold value.